

L7 ANSWER 1 OF 1 MARPAT COPYRIGHT 2004 ACS on STN
 AN 139:164658 MARPAT Full-text
 TI Preparation of ansamycins having improved pharmacological and biological properties
 IN Zhang, Lin; Le Brazidec, Jean-Yves; Boehm, Marcus F.; McHugh, Sean
 Konrad; Fan, Junhua; Fritz, Lawrence C.; Burrows, Francis J.
 PA Conforma Therapeutics Corporation, USA
 SO PCT Int. Appl., 207 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003066005	A2	20030814	WO 2003-US4283	20030210
	WO 2003066005	A3	20040610		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
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	WO 2003050295	A2	20030619	WO 2002-US39993	20021212
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PRAI	US 2002-355275P		20020208		
	US 2002-367055P		20020322		
	WO 2002-US39993		20021212		
	US 2001-340762P		20011212		

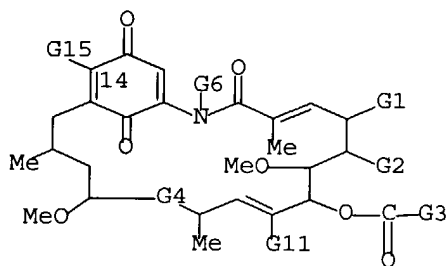
GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Ansamycins of formula I [R1R2 = H2, bond; R3 = H, alkyl; R4, R5 = H, OH, alkoxy, acetoxy, aryloxy, acyloxy, etc.; R4R5 = O, NOH, alkoxyimine, etc.; R6 = H, alkyl, aryl, acyl; Y1, Y2 = H, OH, alkoxy, acetoxy, acyloxy, alkylsulfonyl, alkylamino, etc.; Y1R4 = heterocyclic or carbocyclic ring] and methods of preparing and using the same are described. At least some of these ansamycins exhibit one or more of improved aqueous formulation ability, chemical stability, and bioavailability. Some of the derivs. described are dimers. These and others described can include one or more solubilizing groups that have expected merit in rendering the overall compds. useful as drugs and

prodrugs. Thus, II was prepared from geldanamycin and 3,3'-diaminodipropylamine in 93% yield. II suppressed tumor growth of BT474 and SKOV-3 tumor models.

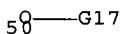
MSTR 1



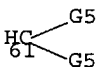
G3 = NH2
G4 = 45



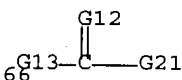
G5 = 50



G11 = 61



G13 = NH
G15 = 66



G17 = alkyl<(1-30)>

G21 = NH2

MPL: claim 1

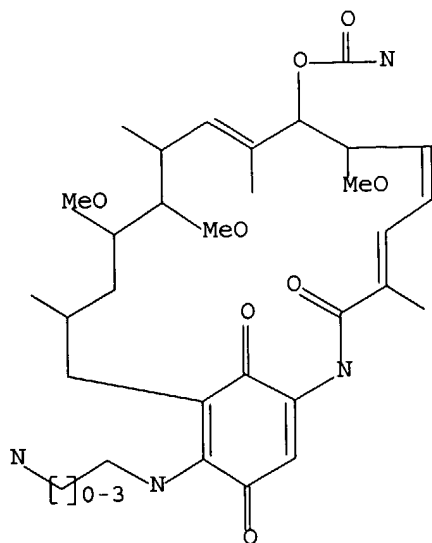
NTE: or pharmaceutically acceptable salts

NTE: also incorporates claim 18

NTE: additional ring formation also claimed

NTE: substitution is restricted

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=> d l1; d his; log y
L1 HAS NO ANSWERS
L1 STR
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Structure attributes must be viewed using STN Express query preparation.

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DEL HIS Y
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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-0.66	-0.66